

LPC# 0316605049 Cook Co.
Bruco Company
SF/HRS

Pre-CERCLIS Screening Assessment



Prepared by:
Office of Site Evaluation
Division of Remediation Management
Bureau of Land

SIGNATURE PAGE

Title: Pre-CERCLIS Screening Assessment for Bruco Company

Preparer: Bruce Everetts, Office of Site Evaluation, Illinois Environmental Protection Agency

Bruce Everetts
Signature

8/13/12
Date

Approval: Patrick Hamblin, Acting Chief, United States Environmental Protection Agency, Region 5

Patrick Hamblin
Signature

10/25/12
Date

The approval signatures on this page indicate that this document has been authorized for information release to the public through appropriate channels. No other forms or signatures are required to document this information release.

Pre-CERCLIS Screening Assessment

for:

**Bruco Company
Chicago, Illinois**

**PREPARED BY:
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
BUREAU OF LAND
DIVISION OF REMEDIATION MANAGEMENT
OFFICE OF SITE EVALUATION**

August 9, 2012

Site Summary

On February 22, 2012, the Illinois Environmental Protection Agency's (Illinois EPA) Office of Site Evaluation received funding from the United States Environmental Protection Agency (U.S. EPA) Region V to conduct a Pre-CERCLIS Screening Assessment at the Bruco Company (Bruco) Site located in Chicago, Illinois. The site is located just west of downtown Chicago and south of Interstate 290 at 1416 West Roosevelt Road. West Roosevelt Road is also known as West 12th Street (Figures 1 and 2). The Pre-CERCLIS Screening Assessment was prompted by concerns that historical activities took place on the property and may have contributed to soil contamination in the area.

A Pre-CERCLIS Screening Assessment is a review of information on potential Superfund sites to determine whether the site should be placed into EPA's Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS). During the assessment, information will be collected in order to complete the Pre-CERCLIS Screening Assessment Checklist/Decision Form (found in at the conclusion of the Pre-CERCLIS Screening Assessment). If there is sufficient information that suggests the site may be impacting human health and the environment, the site will be placed in CERCLIS and will progress through the Superfund evaluation process. The Pre-CERCLIS Screening Assessment is performed under the authority of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) commonly known as Superfund.

Sanborn Fire Insurance Maps (Sanborns) from 1914 through 1949 do not indicate the presence of Bruco Company at 1416 West 12th Street. During that time, the immediate area was occupied by several businesses that included laundry facilities, barrel storage, and a parking garage. Figure 3 contains a Sanborn from 1949.

There were no listings of the Bruco Company, at that address, in the Standard Metals Directories from 1940 or 1948. The 1963 Standard Metals Directory listed Bruco as a storage battery manufacturer, scrap iron and metal dealer, and smelter of battery lead. There were no records that indicated how long the Bruco Company operated after 1963.

The area surrounding the site consists of a mixture of light industrial and residential properties on the north side of 12th Street (aka: Roosevelt Road). This area of Chicago has been historically known as “Little Italy.” The University of Illinois at Chicago (UIC) can be found approximately 0.7 miles to the northeast. There is a large complex of approximately 40 apartment buildings that are located to the north of Roosevelt Road, west of Loomis Street, south of West Fillmore Street, and east of South Ashland Avenue. According to historical information, these apartment buildings were constructed during the 1980’s and 1990’s. It is within this apartment complex that the Bruco site was reportedly located.

On August 8, 2012, Illinois EPA personnel conducted a site visit at 1416 West Roosevelt Road. Although a large portion of the area is covered with concrete and asphalt, there is grass between the buildings and along the sidewalks adjacent to the apartment complex (see attached site photographs). There is a black, wrought-iron fence that separates the sidewalk from the apartment complex that parallels Roosevelt Road. Along this fence line, there is bare soil beneath it. The soil around the apartment buildings is well vegetated and has been contoured to allow for drainage away from the buildings. The soil around the buildings and sidewalks remain accessible to tenants of the apartment complex and people walking in the area.

Additional information will need to be obtained in order to determine if there may be any residual inorganic contamination from the operation of the Bruco facility.

PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

This checklist can assist the site investigator during the Pre-CERCLIS screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets for the narrative.

Checklist Preparer: Bruce Everetts/Illinois EPA August 9, 2012
(Name/Title) (Date)
1021 North Grand Avenue (217) 524-1663
(Address) (Phone)
bruce.everetts@Illinois.gov
(E-Mail Address)

Site Name: Bruco Company

Previous Names (if any): _____

Site Location: 1416 West 12th Street (aka: Roosevelt Road)
(Street)
Chicago Cook Illinois 60608
(City) (County) (ST) (Zip +4)
7
(Congressional District)

Latitude: 41° 52' 2.155" **Longitude:** 087° 39' 45.533"

With regards to the Latitude and Longitude, please provide the following information: Accuracy in Meters +/-, Collection Method, Reference Datum, Reference Point, Source Map Scale, Point/Line/Area; Collection Date; Verification Method (see attached):

Complete the following checklist. If "yes" is marked, please explain below.

	YES	NO
1. Does the site already appear in CERCLIS?	<input type="checkbox"/>	X
2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?	<input type="checkbox"/>	X
3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?	<input type="checkbox"/>	X
4. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?	<input type="checkbox"/>	X
5. Is some other program actively involved with the site (i.e., another Federal, State, or Tribal program)?	<input type="checkbox"/>	X
6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?	<input type="checkbox"/>	X
7. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)?	<input type="checkbox"/>	X
8. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, documentation showing that no hazardous substance releases have occurred, EPA approved risk assessment completed)?	<input type="checkbox"/>	X
9. Is there documentation indicating that a target (e.g., drinking water wells, drinking surface water intakes, etc.) has been exposed to a hazardous substance released from the site?	<input type="checkbox"/>	X
10. Is there an apparent release at the site with no documentation of exposed targets, but there are targets on-site or immediately adjacent to the site or nearby (within 1 mile)?	<input type="checkbox"/>	X
11. Are there no releases or potential to release?	X	<input type="checkbox"/>

Please explain all "yes" answer(s), attach additional sheets or refer to narrative:

Site Determination: ☒ Enter the site into CERCLIS. Further assessment is recommended (explain below).

☐ The site is not recommended for placement into CERCLIS (explain below).

DECISION/DISCUSSION/RATIONALE:

The Bruco Company site operated until approximately 1963. Within the vicinity of the site, a series of apartment buildings were constructed during the 1980's and 1990's. It is recommended that the soil in the area of the apartment buildings be screened with an X-Ray Fluorescence (XRF) in order to determine the potential impact of the surface soil.

EPA Regional Review and Site Assessment Decision

Check the box(es) that apply:

- ☐ Not a Valid Site or Incident
☒ Incident for Further Action Under CERCLA

Recommended Further Action:

- ☒ APA
☐ Full PA
☐ Combined PA/SI
☐ SI

Defer/Refer to:

- ☐ Removal Program
☐ State/Tribal Program
☐ RCRA
☐ Brownfields
☐ Other: _____

Regional EPA Reviewer:

PATRICK HAMBRILL / [Signature] 10/25/12
Print Name/Signature Date

State Agency/Tribe:

Bruce Everett / [Signature] 10/29/12
Print Name/Signature Date

Figure 1
2005 Aerial Photograph
Bruco Company
Chicago, Illinois



Interstate 290

University of Illinois
at Chicago

South Ashland Avenue

Loomis Street

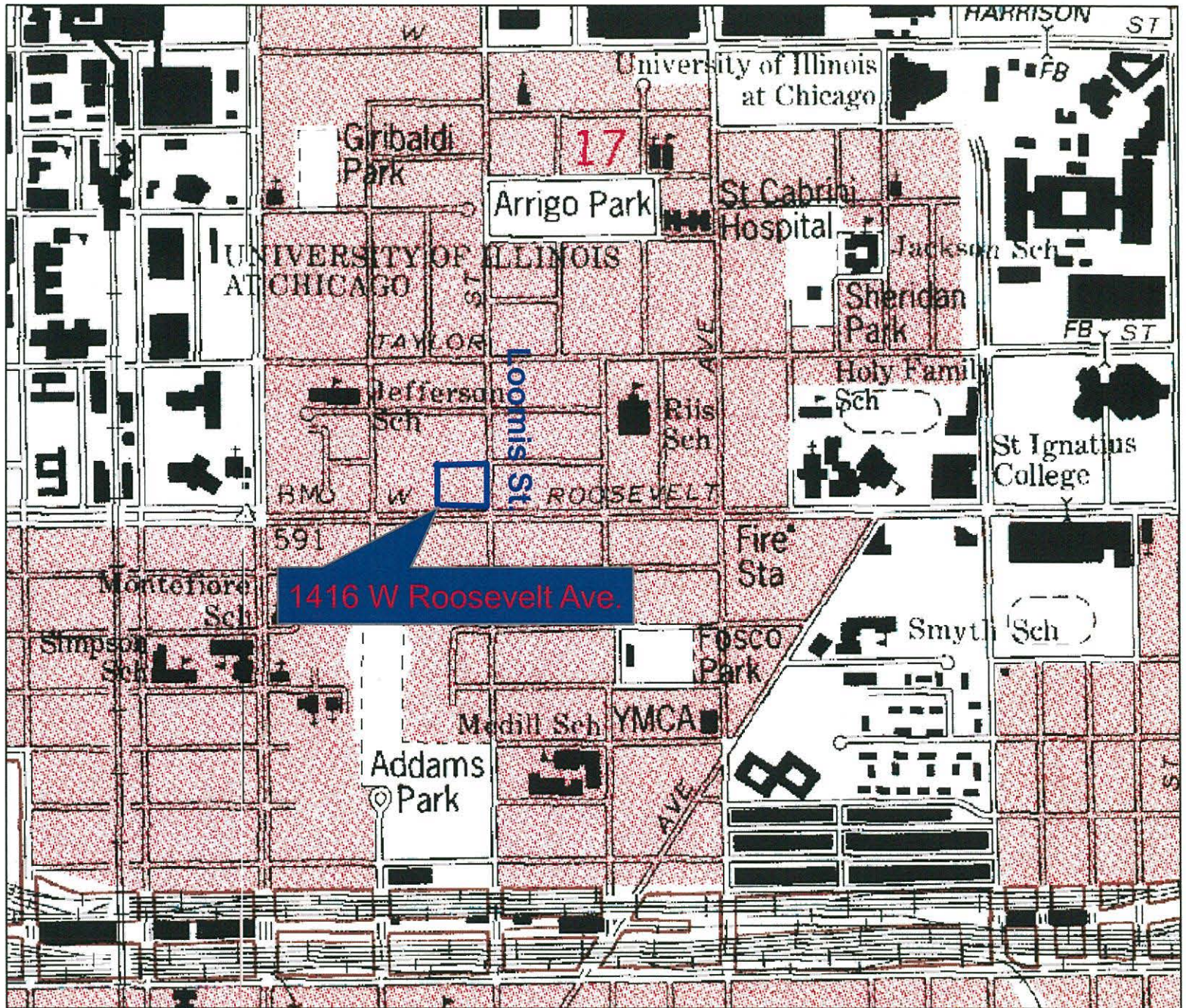
Historic Location
of
Bruco Company

Roosevelt Road (aka: 12th Street)

Map Scale

0 335 670 1,340 2,010 2,680 Feet

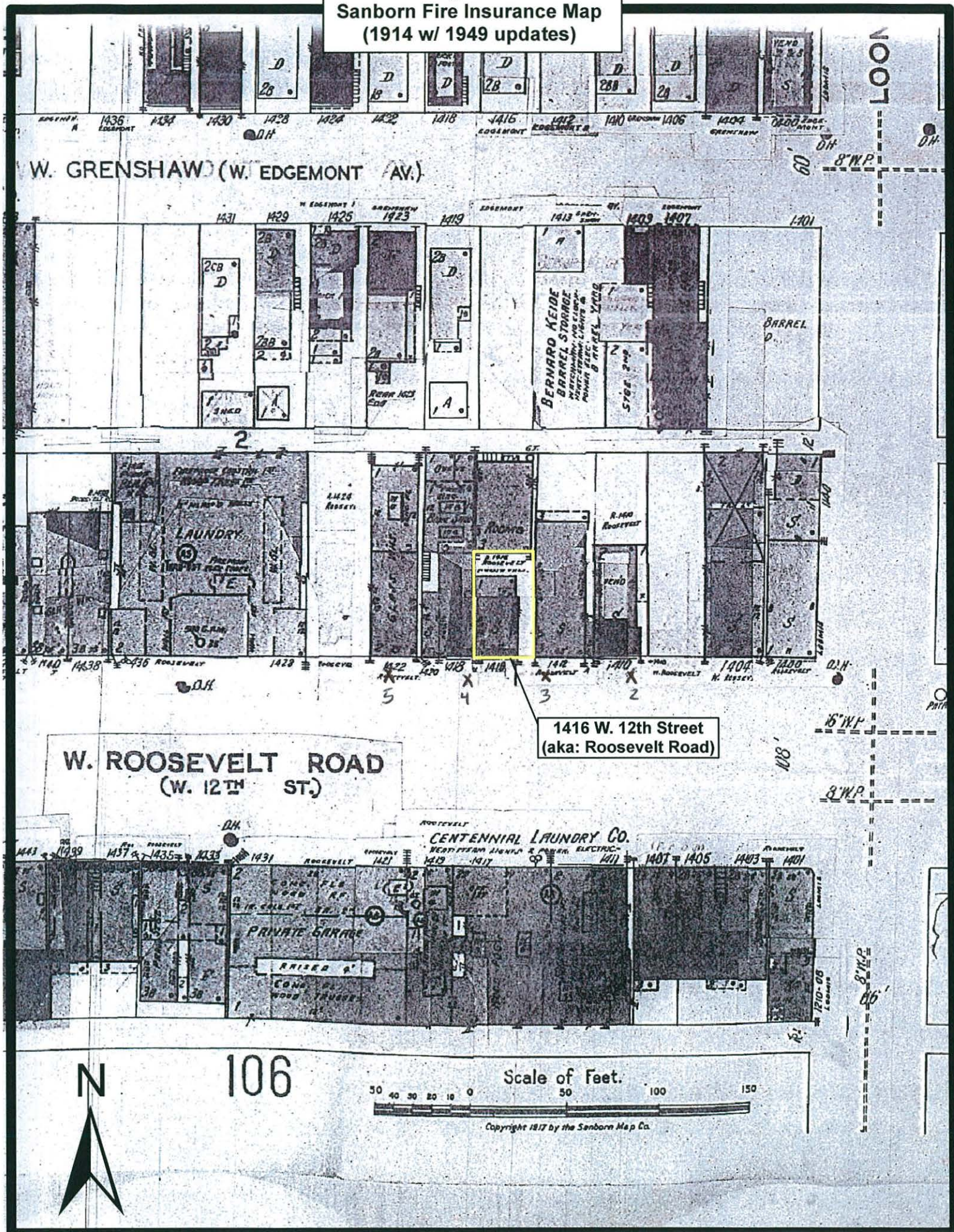
Figure 2
Site Topographic Map



0 0.15 0.3 0.6
Miles



Figure 3
Sanborn Fire Insurance Map
(1914 w/ 1949 updates)



SITE NAME: Bruco Company

LPC # 0316605049

COUNTY: Cook

DATE: August 8, 2012

TIME: 10:00 a.m.

PHOTO BY: Jo Ann Morgando

DIRECTION: Northwest

COMMENTS:

Photograph taken of the University Village Apartments which are located at 1416 West 12th Street (12th Street is also known as Roosevelt Avenue)

